Sakhalin II - Phase 2
Project Facilities Design

Vendor Data Management
Using ShareCat Project Arena

Vendor Briefing
(Existing Purchase Order)

Agenda

- ShareCat Overview
- Vendor Information Gathering Process
- ShareCat ProjectArena Document Gathering Tool
- Switch from eRoom to ShareCat ProjectArena
- Questions

This presentation is made to describe how the requirements for submitting documentation for the Sakhalin II Project using the existing e-room facility will be changed to using a tool called ShareCat ProjectArena.

This tool has been selected because of the efficiencies it introduces into the supply chain information delivery process.

Once it has been explained how the existing processes will be assisted and how the reduction in information submission and final databook compilation can be supported, it will be clear that there are significant benefits to both the project and the vendors which will overcome some of the traditional challenges and costs associated with PO documentation deliverables.

Agenda

- **ShareCat Overview**
- Vendor Information Gathering Process
- ShareCat ProjectArena Document Gathering Tool
- Switch from eRoom to ShareCat ProjectArena
- Questions

ShareCat Project Arena (SPA) is a complete environment for the gathering, collection and assembly of project based vendor information i.e. data and documents. It has been developed over a period of 9 years and contains over 150 man-years of equipment information relevant to project activities. It has been adopted and used by major companies in the industry such as BP, Exxon Mobil, Norsk Hydro and Statoil as well as engineering contractors.

From the Sakhalin II Project's perspective, this system differs from traditional systems with a few key points to note:

• Up to 70% of the vendor documentation volume will be met by standard content from ShareCat.

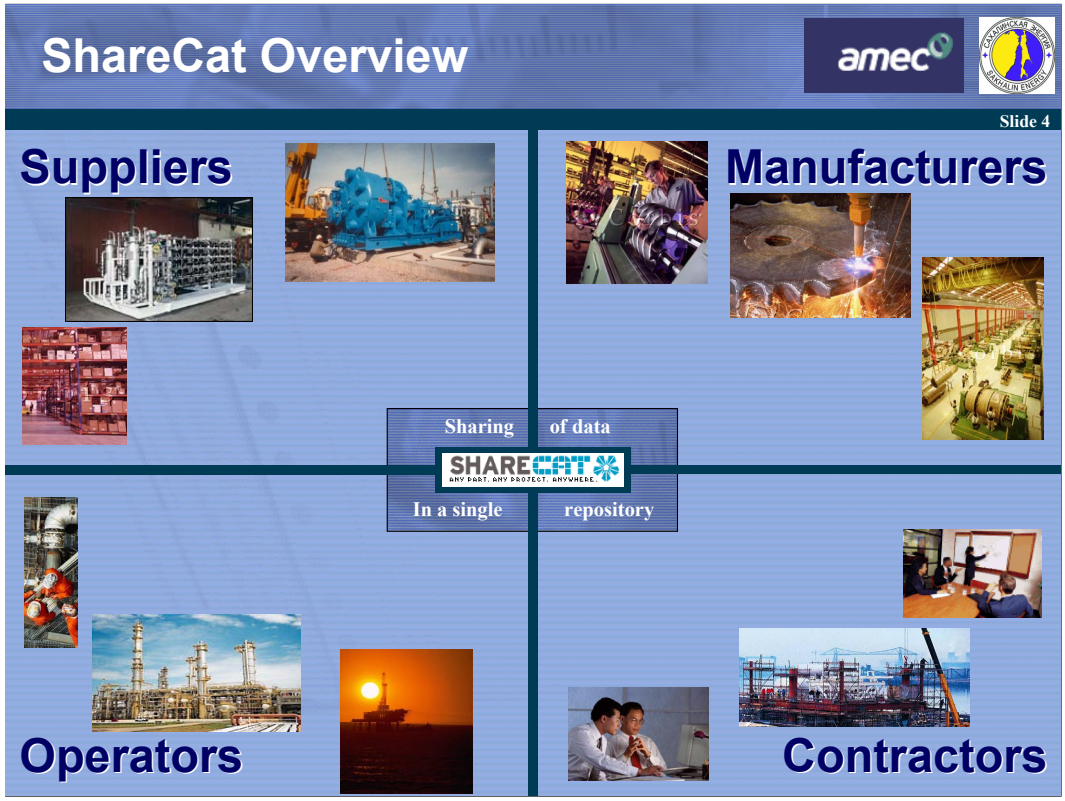
• The document control facility in the system is automatic.

• The main stream of documentation is paper-less.

• SPA and ShareCat are security controlled web-based solutions available to all project participants by using the Internet.

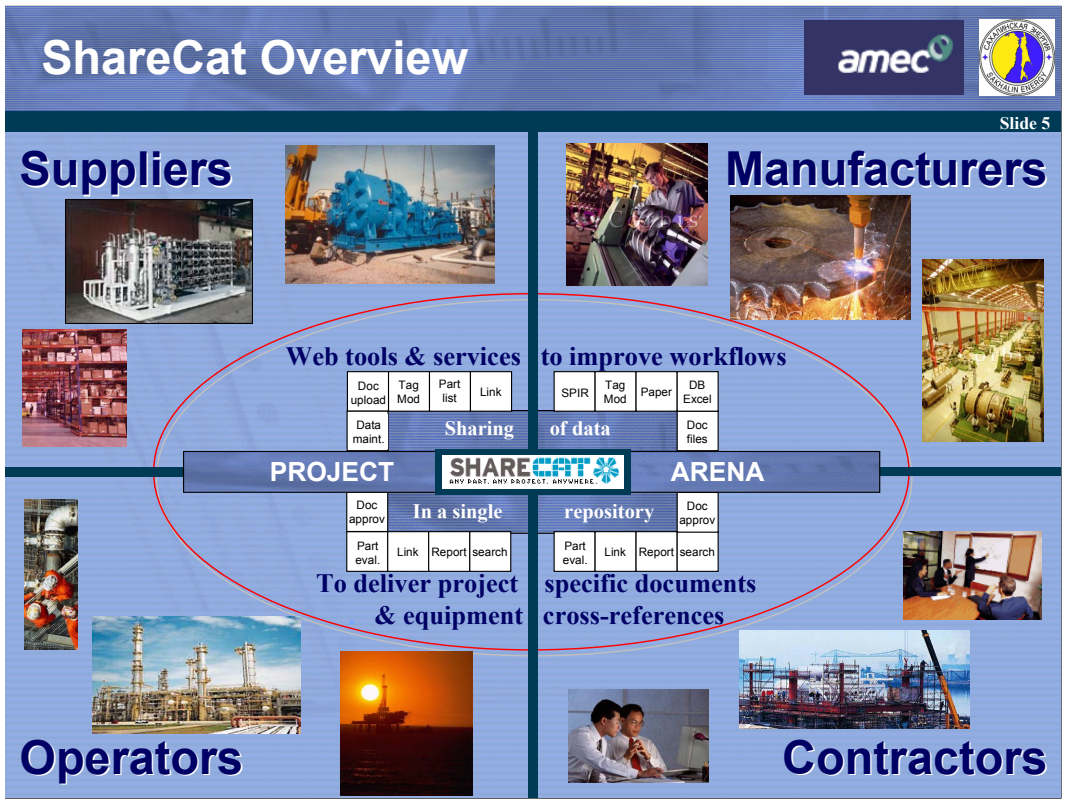
•The progressive approval and assembly of VDRL data satisfies final PO data book and Technical Passport requirements, and is structured by Tag to satisfy SEIC handover requirements.

From a Vendor perspective, SPA supports a "submit once-use many" philosophy. This allows vendors to submit only one set of project specific information for equipment they are supplying and where applicable reference the information many times. This reduces the documentation workload considerably and minimises costs. Where vendors can provide a Manufacturer Model and Part Number, SPA can be used to deliver all of the associated standard information automatically from it's existing repository without any additional submission activity by the vendor, again saving time and money.



SPA contains an online reference library of re-usable standard equipment information named ShareCat. This information represents quality assured manufacturer validated part numbers and documents which are available to the project without the need for a vendors' specific submission. This information typically contains Installation, Operations & Maintenance (IOM) documentation as well as drawings, certificates and other relevant documentation.

ShareCat also uses a template technology which automatically recognises manufacturer's part numbers and validates them against allowable equipment configurations. This ensures that all the correct standard documentation and information is delivered according to a valid manufacturer part number. Vendors need only submit a valid model and part number for all of the standard documentation to be made instantly available, allowing the vendor to concentrate their efforts on project-specific documentation activities, rather than the repeated submission of standard information sets.



Based around SPA's information repository is a set of internet based tools and services that enable projects to make use of the equipment information & templates within the system.

SPA contains an updated copy of the project's master tag register to provide a reference base for the vendor to perform their submission processes. SPA is also set-up for each vendor's PO with a register of all the VDRL deliverables linked to their applicable tags.

The main objective is to use SPA to fulfil the VDRL requirements through 2 distinct processes:

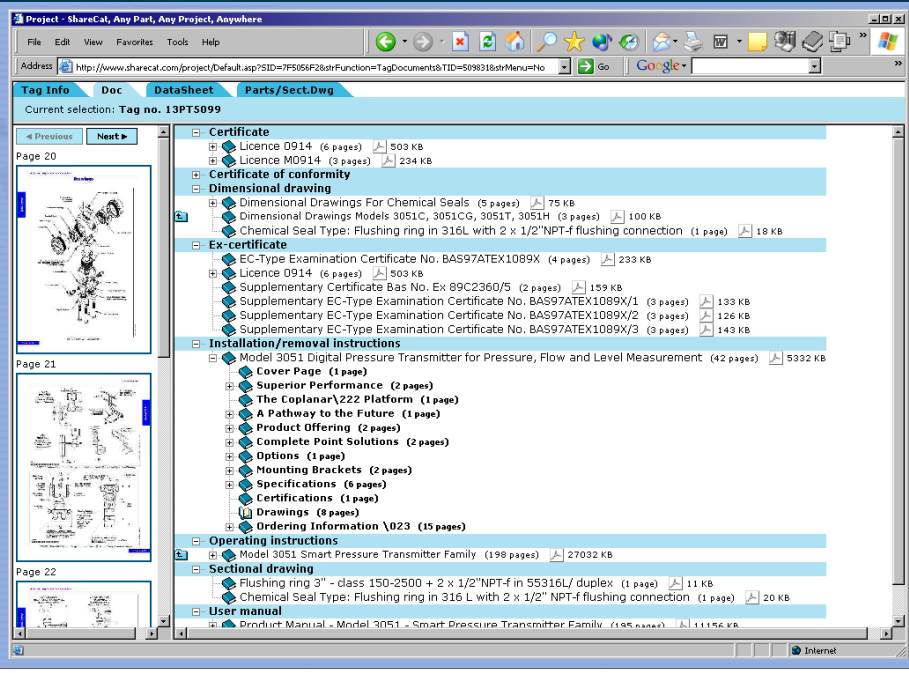
The submission and review/approval of project specific documents, and

The submission of equipment source data (manufacturer name and part number).

As both of the above processes are performed, SPA will track the action and provide an up to date status on the PO information requirements and their submissions. Where the source data is recognised within ShareCat, available documentation will be automatically linked and the VDRL requirements automatically satisfied.

The result of using SPA ensures that the reusable data in ShareCat and the project specific documentation are combined in a way that every participant will find substantially more efficient.

ShareCat Overview


Project - ShareCat, Any Part, Any Project, Anywhere
File Edit View Favorites Tools Help
Address http://www.sharecat.com/project/Default.asp?SID=7F5056F28strFunction=TagDocuments&TID=5098318strMenu=No
Tag Info
Doc
DataSheet
Parts/Sect.Dwg
Current selection: Tag no. 13PT5099
Previous
Next
Page 20
Page 21
Page 22
Certificate
Licence 0914 (6 pages) 503 KB
Licence M0914 (3 pages) 234 KB
Certificate of conformity
Dimensional drawing
Dimensional Drawings For Chemical Seals (5 pages) 75 KB
Dimensional Drawings Models 3051C, 3051CG, 3051T, 3051H (3 pages) 100 KB
Chemical Seal Type: Flushing ring in 316L with 2 x 1/2"NPT-f flushing connection (1 page) 18 KB
Ex-certificate
EC-Type Examination Certificate No. BAS97ATEX1089X (4 pages) 233 KB
Licence 0914 (6 pages) 503 KB
Supplementary Certificate Bas No. Ex 89C2360/5 (2 pages) 159 KB
Supplementary EC-Type Examination Certificate No. BAS97ATEX1089X/1 (3 pages) 133 KB
Supplementary EC-Type Examination Certificate No. BAS97ATEX1089X/2 (3 pages) 126 KB
Supplementary EC-Type Examination Certificate No. BAS97ATEX1089X/3 (3 pages) 143 KB
Installation/removal instructions
Model 3051 Digital Pressure Transmitter for Pressure, Flow and Level Measurement (42 pages) 5332 KB
Cover Page (1 page)
Superior Performance (2 pages)
The Coplanar\222 Platform (1 page)
A Pathway to the Future (1 page)
Product Offering (2 pages)
Complete Point Solutions (2 pages)
Options (1 page)
Mounting Brackets (2 pages)
Specifications (6 pages)
Certifications (1 page)
Drawings (8 pages)
Ordering Information \023 (15 pages)
Operating instructions
Model 3051 Smart Pressure Transmitter Family (198 pages) 27032 KB
Sectional drawing
Flushing ring 3" - class 150-2500 + 2 x 1/2"NPT-f in 55316L/ duplex (1 page) 11 KB
Chemical Seal Type: Flushing ring in 316 L with 2 x 1/2" NPT-f flushing connection (1 page) 20 KB
User manual
Internet

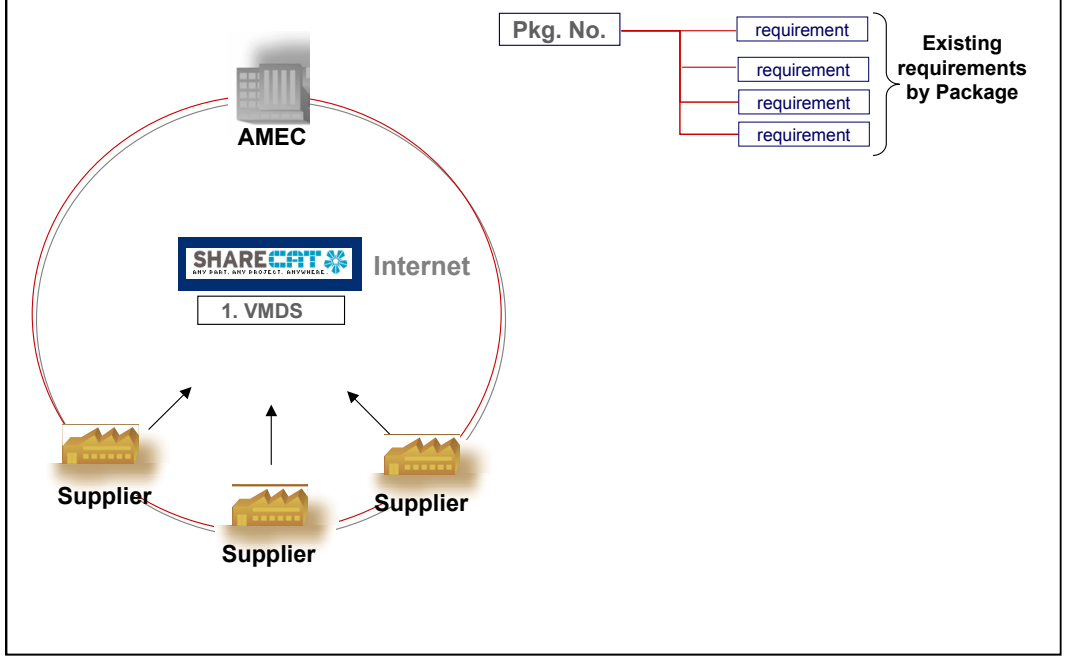
Shown above is a screenshot of a typical set of manufacturer information available within SPA. All of the information has been validated with the manufacturer to ensure it's completeness and correctness. The information can be easily accessed by any project participant with an internet connection, allowing all of the documentation to be seen and used either on screen or downloaded for local handling & printing. A set of quick-access "thumbnails" are shown on the left of the screen and a full index shown on the right. Users simple click on either a thumbnail or an index entry to view the appropriate information they need.

A vendor, by just submitting Manufacturers and Part Numbers, can effectively deliver all of their standard documentation requirements in a consistent, high quality, indexed format in a matter of minutes.

Agenda

- ShareCat Overview
- **Vendor Information Gathering Process**
- ShareCat ProjectArena Document Gathering Tool
- Switch from eRoom to ShareCat ProjectArena
- Questions

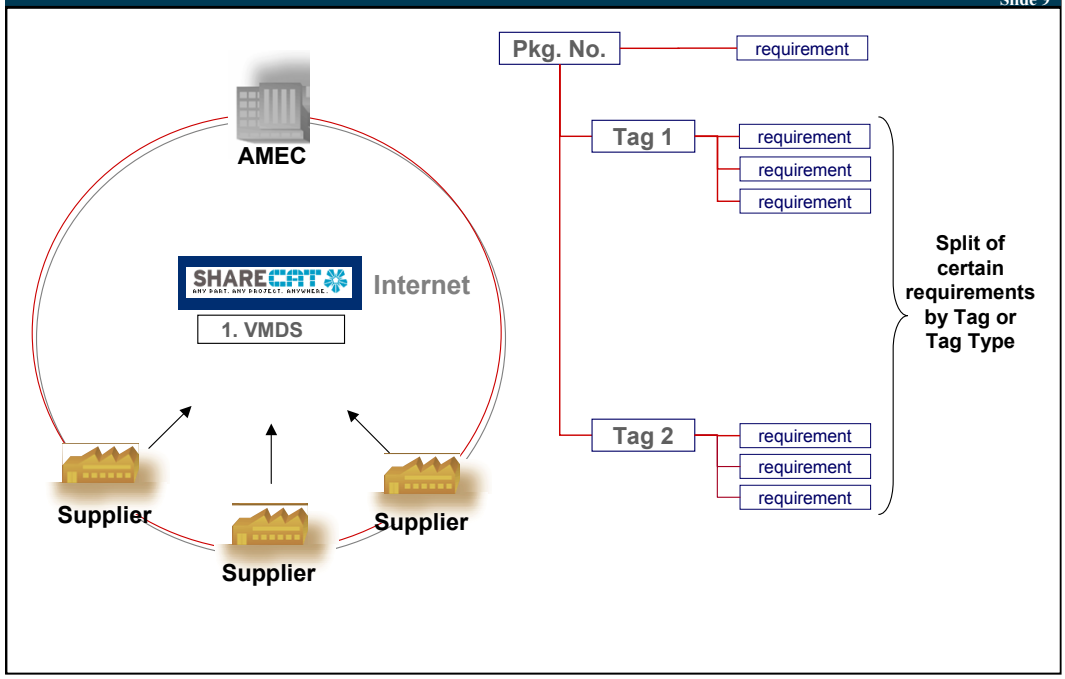
SPA Gathering Process



The vendor's requirement to complete a Vendor Master Data Schedule (VMDS) based on requisition VDRL listings and timings has already been completed and in fact submissions are in the process of being made against this register using the e-room concepts.

Using this approach all the document deliverables are listed at the package level.

SPA Gathering Process



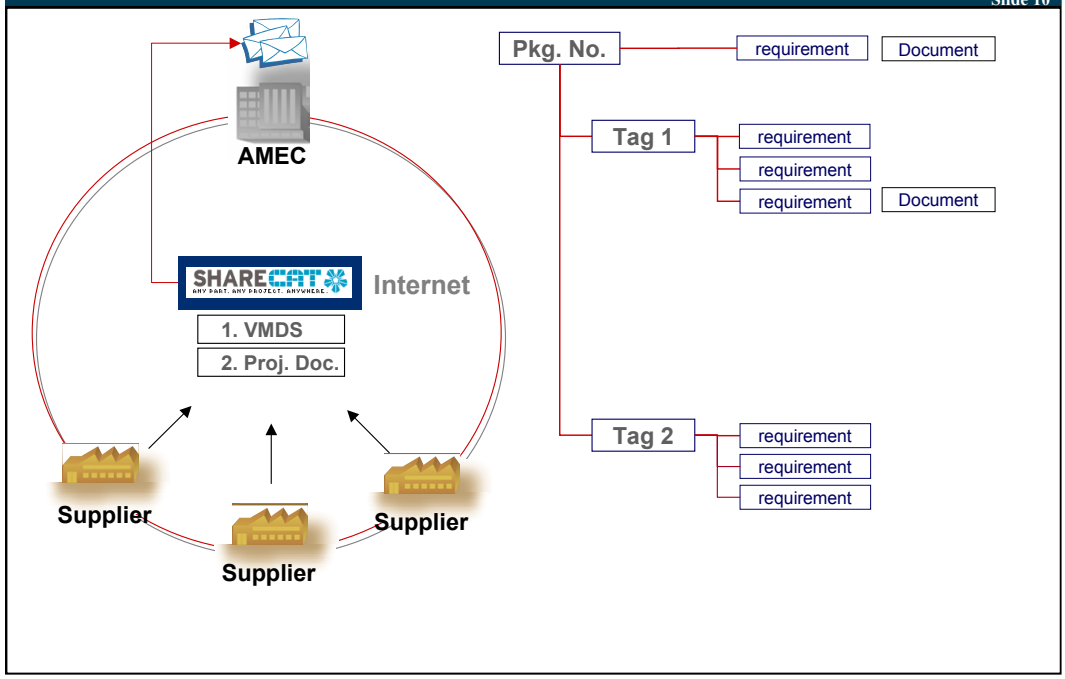
The Sakhalin II project, has a requirement for document and information details to be delivered against applicable tags. In this respect the existing VMDS will not increase in its delivery requirements, but AMEC will re-configure it to link document requirements to their relevant tags.

It is in this area that SPA's automated systems can be used to generate the appropriate document type requirements that are defined for specific tags or tag types. This automatic VMDS generation is linked to SPA's document management routines for handling the submission process more efficiently.

Information requirements can link document categories at both the package level and the tag level. Tag related document requirements can apply to:

- all tags in the package
- all tags of a given tag type
- all tags with a given model, or
- single specific tags.

SPA Gathering Process



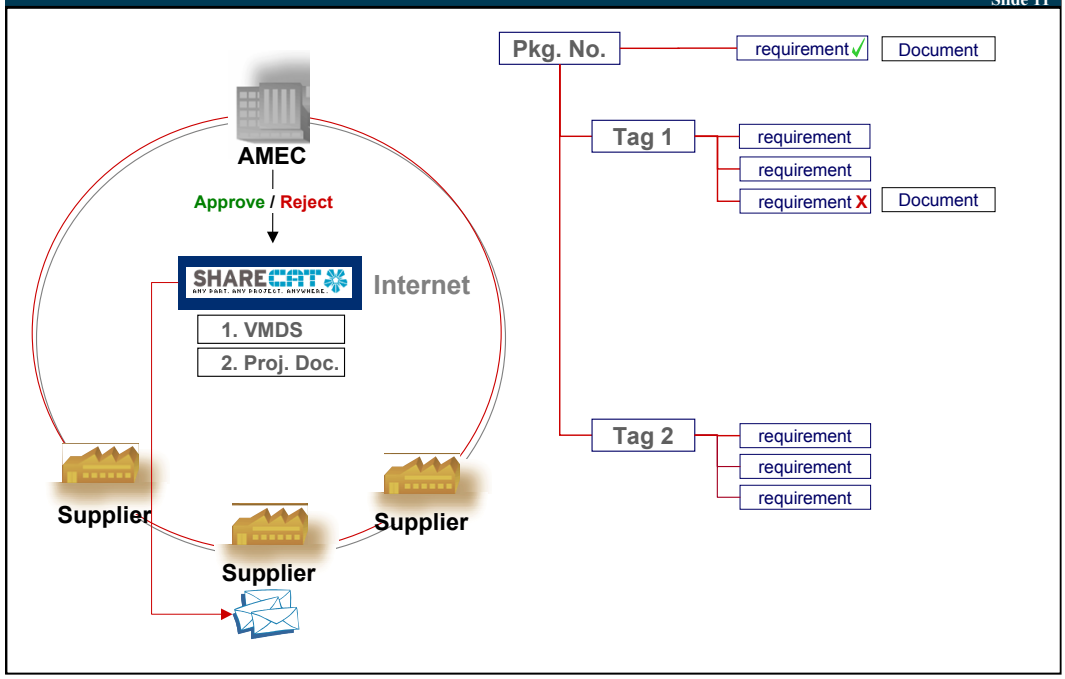
In the diagram above, vendors are shown submitting their project-specific documents against the requirements setup within SPA. One of these is at the package level, and one of them is at the tag level.

In delivering these, they are registered against specific requirements and placed in an electronic parking place set-up for the PO.

This diagram shows the result of vendors having submitted their project-specific requirements into SPA, with an automatic e-mail notification to AMEC's DCC notifying them that the submissions have occurred and need to be reviewed. This automatic e-mail replaces the need for transmittals.

SPA provides online reports that can be accessed at any time by both AMEC and the vendor, allowing a view of the status of all of outstanding submission requirements.

SPA Gathering Process



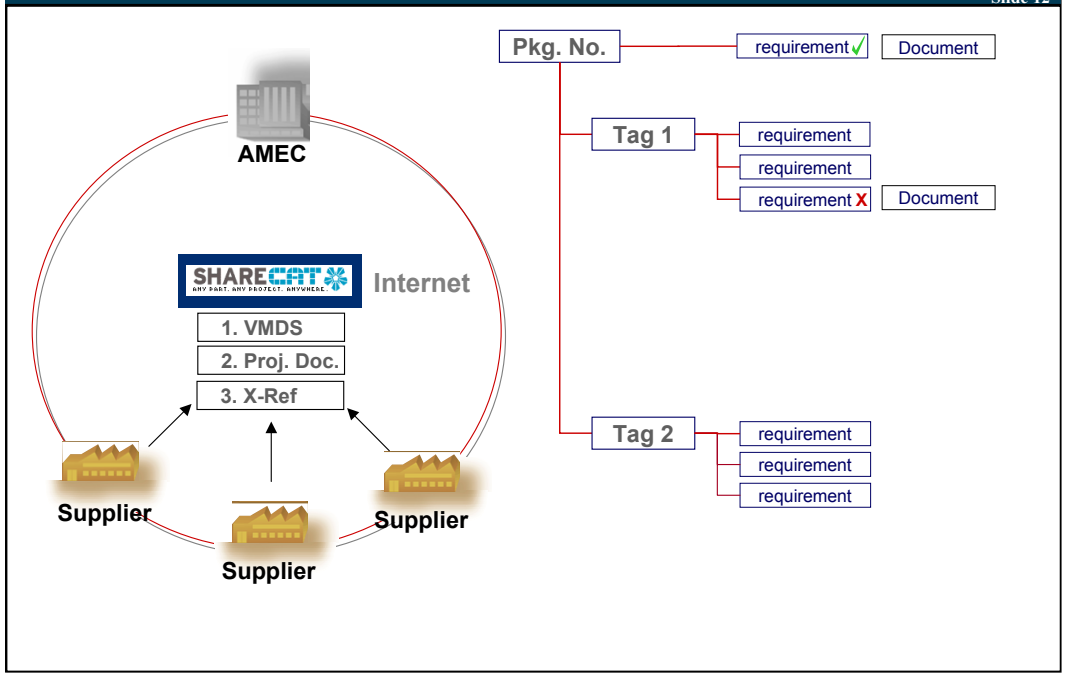
Once AMEC has performed their review, the approval, rejection or comments will be posted back to SPA and their status recorded accordingly.

An automatic mail notification from AMEC to the appropriate vendor takes place following the review process, with all parties having a view of the requirements and schedule.

This will allow the vendor to view comments, update and re-submit as necessary, also providing re-submission dates where applicable.

Again, all parties have instant access to SPA's report facilities giving up to date status reports on outstanding, submitted or rejected documents with full milestone visibility.

SPA Gathering Process

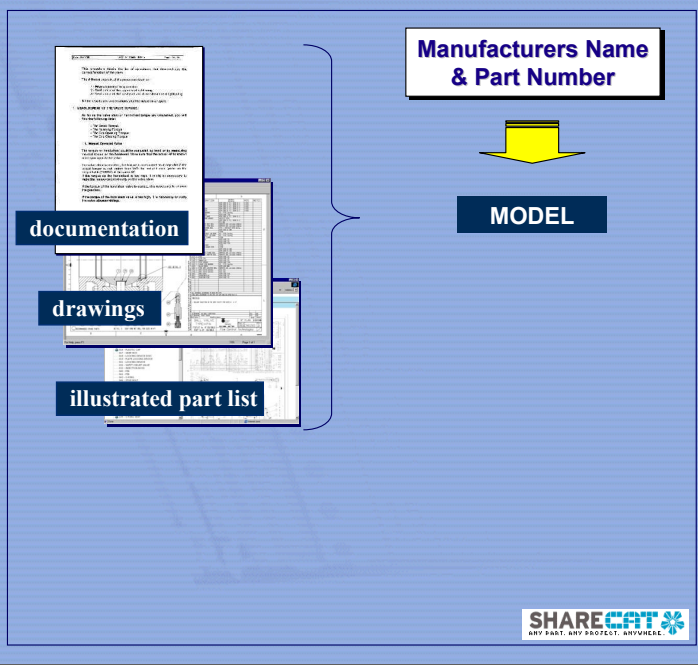


Following on from the project-specific documents, vendors are able to submit the “source data” or Manufacturer and Part Number information against the tags in their scope of supply.

These Manufacturer Part Numbers are automatically validated through ShareCat’s templates and where recognised, immediately assigned all of the appropriate standard information against the tag requirements defined within SPA.

For this reason it is recommended that the source data be submitted before any standard documentation to avoid unnecessary delivery of information.

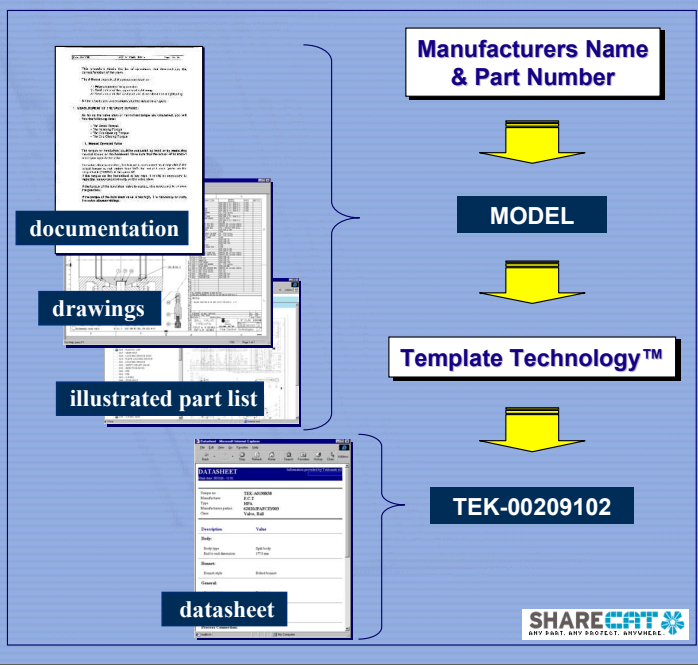
SPA Gathering Process



The process of recognition of “source data” is shown above.

The recognition process checks that the Manufacturer name is correctly identified and that the Model reference is correctly valid, which confirms the model (or type) of equipment. Once validated to Model level, all of the associated model information such as standard IOM documentation, drawings, certificates, relevant parts lists etc. are made available for immediate access.

SPA Gathering Process

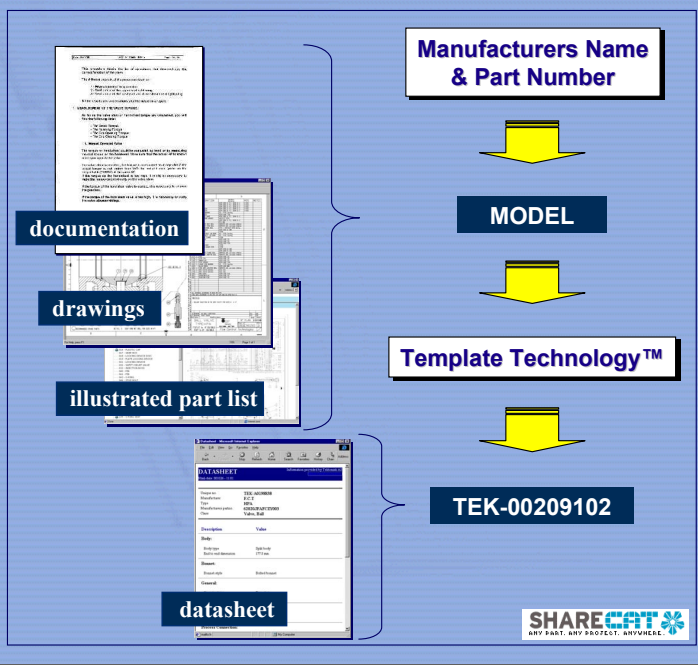


As each level of source data is recognised, so varying levels of information become available. If the part number quoted is generic and applies to many configurations, only the model information will become available describing general characteristics of the equipment type as noted previously.

Where the part number contains sufficient detail to describe a unique configuration, a variant datasheet is automatically generated from ShareCat's database. This unique configuration is assigned an internal global identifier (TEK number) which can be re-used across tags in the scope.

SPA Gathering Process

Slide 15

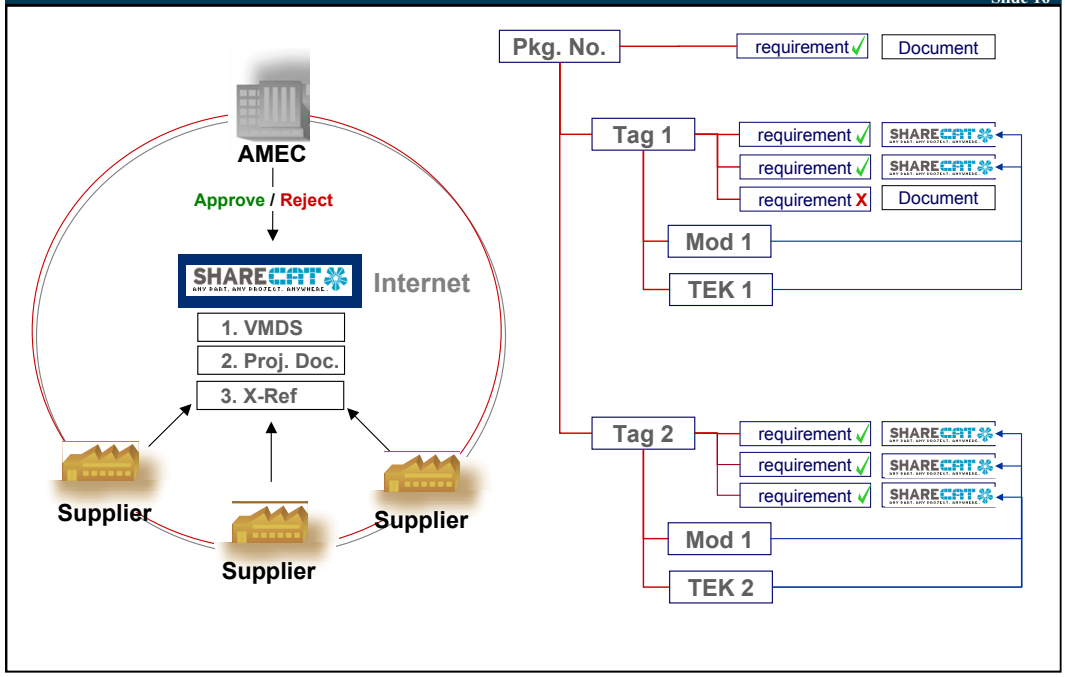


TekNo	TagNo
MODEL	16D-HV 063
MODEL	16E-HV 003
MODEL	16E-HV 009
TEK-00209102	16E-HV 018
TEK-00209102	16E-HV 056
TEK-00209102	16E-HV 062
TEK-00209102	16E-HV 063
TEK-00209102	17A-HV 005
TEK-00209102	17C-HV 003
TEK-00209102	17C-HV 017
TEK-00209102	21C-HV 017
TEK-00209102	27D-HV 016
TEK-00209102	50A-HV 027
TEK-00209102	50A-HV 127
TEK-00209102	62A-HV 034
TEK-00209102	62A-HV 044
TEK-00209102	62C-HV 601
TEK-00209102	62C-HV 603
TEK-00209102	71F-HV 003A
TEK-00209102	71F-HV 003B

Once this unique configuration has been identified and cross referenced against one tag within the scope of supply, the same configuration can be re-used across other tags within the PO, which represents significant efficiencies.

This also ensures elimination of duplicate submissions and their need for engineering review processes – apart from functional satisfaction where required.

SPA Gathering Process



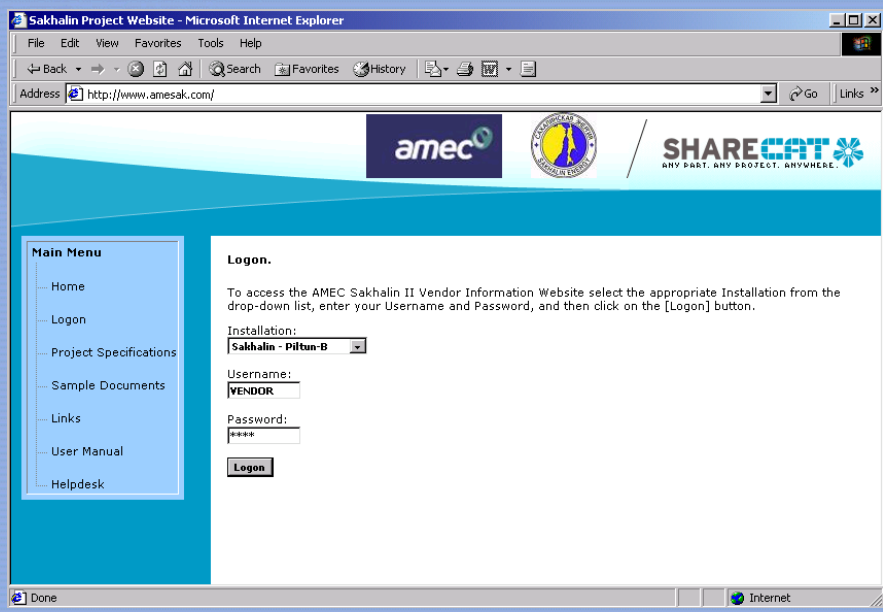
Taking the standard information available from ShareCat through the cross reference (X-Ref) it can be seen, that a number of requirements are met due to the equipment information already available. This enables an automatic delivery of information with requirement completion in a matter of days or even hours.

This diagram shows the document submissions against the VMDS requirements and their various states of submission, approval and rejection reflected in SPA. As noted previously, this report is dynamically updates and viewable on line or can be printed for off-line reference.

Agenda

- ShareCat Overview
- Vendor Information Gathering Process
- **ShareCat ProjectArena Document Gathering Tool**
- Switch from eRoom to ShareCat ProjectArena
- Questions

SPA Document Gathering Tool



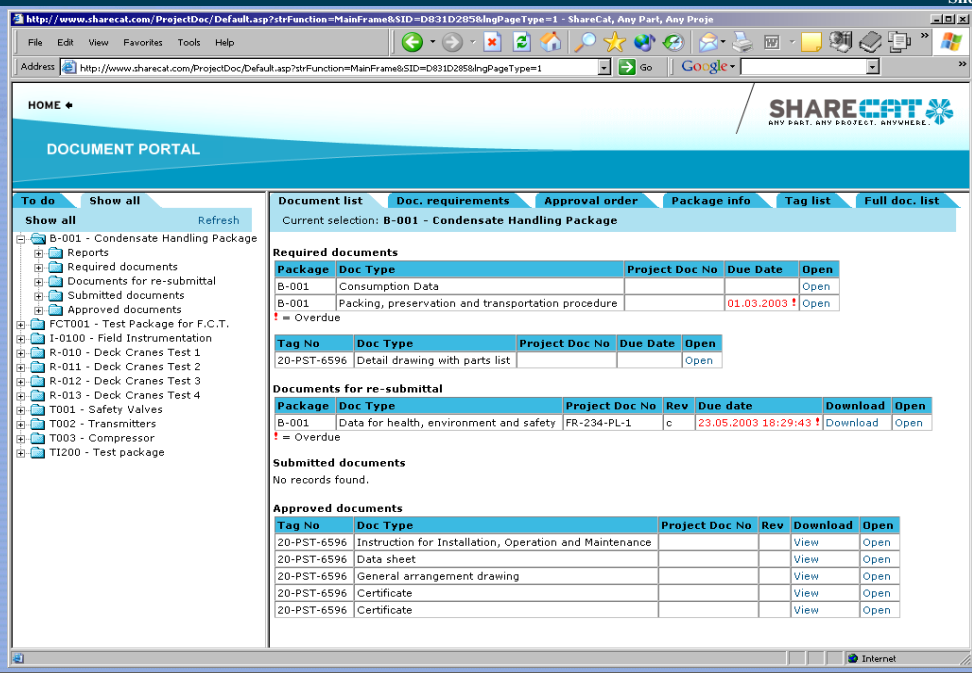
SPA is entirely web-based, with easy access from any PC with an internet connection.

A project based login screen is provided which you will use with your own unique user name and password.

The logon screen enables a vendor to select which of the two Sakhalin projects - Lunskoye or Piltun – they wish to submit information against.

Other useful information such as the Helpdesk contact details, project specifications and reference documents are available from the links in the menu box on the left side of the screen

SPA Document Gathering Tool


HOME
DOCUMENT PORTAL
SHARECAT
ANY PART. ANY PROJECT. ANYWHERE.
To do
Show all
Refresh
B-001 - Condensate Handling Package
Reports
Required documents
Documents for re-submittal
Submitted documents
Approved documents
FCT001 - Test Package for F.C.T.
I-0100 - Field Instrumentation
R-010 - Deck Cranes Test 1
R-011 - Deck Cranes Test 2
R-012 - Deck Cranes Test 3
R-013 - Deck Cranes Test 4
T001 - Safety Valves
T002 - Transmitters
T003 - Compressor
TI200 - Test package
Document list
Doc. requirements
Approval order
Package info
Tag list
Full doc. list
Current selection: B-001 - Condensate Handling Package
Required documents
Package | Doc Type | Project Doc No | Due Date | Open
B-001 | Consumption Data | | | Open
B-001 | Packing, preservation and transportation procedure | | 01.03.2003 ! | Open
! = Overdue
Tag No | Doc Type | Project Doc No | Due Date | Open
20-PST-6596 | Detail drawing with parts list | | | Open
Documents for re-submittal
Package | Doc Type | Project Doc No | Rev | Due date | Download | Open
B-001 | Data for health, environment and safety | FR-234-PL-1 | c | 23.05.2003 18:29:43 ! | Download | Open
! = Overdue
Submitted documents
No records found.
Approved documents
Tag No | Doc Type | Project Doc No | Rev | Download | Open
20-PST-6596 | Instruction for Installation, Operation and Maintenance | | | View | Open
20-PST-6596 | Data sheet | | | View | Open
20-PST-6596 | General arrangement drawing | | | View | Open
20-PST-6596 | Certificate | | | View | Open
20-PST-6596 | Certificate | | | View | Open

Once a vendor has successfully logged into SPA, a screen similar to the one shown above will be shown.

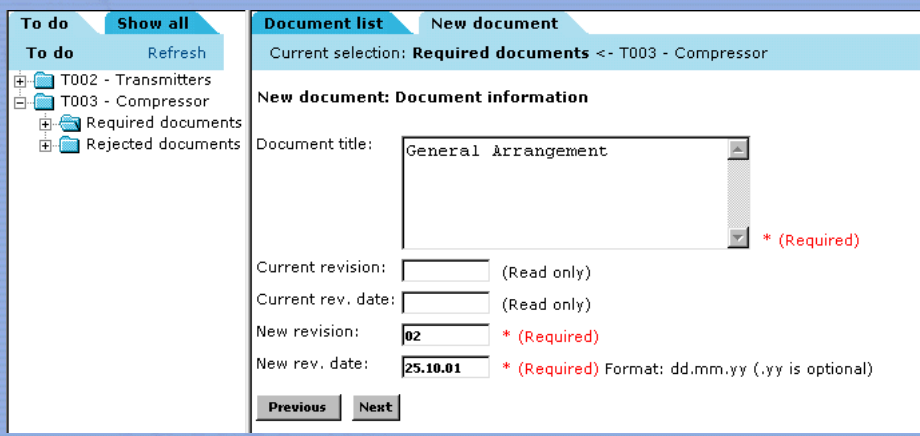
The screen is divided into 2 sides, with a “tree” view on the left and the “tree” detail on the right hand side. By default the left hand window always shows the vendor’s “To Do” list.

The “To Do” list contains the current outstanding list of actions required.

Next to the “To Do” tab is the “Show all” tab. On selecting this, all of the actions required associated with the packages the vendor is responsible for will be shown.

This is useful to review past activities or check information used previously. It includes details of all submitted documents, any documents for re-submittal and all approved documents.

SPA Document Gathering Tool



Once the PO/Package has been identified against which documents are to be submitted, a series of automatic simple steps or “wizard” will help guide the vendor in selecting & submitting documents.

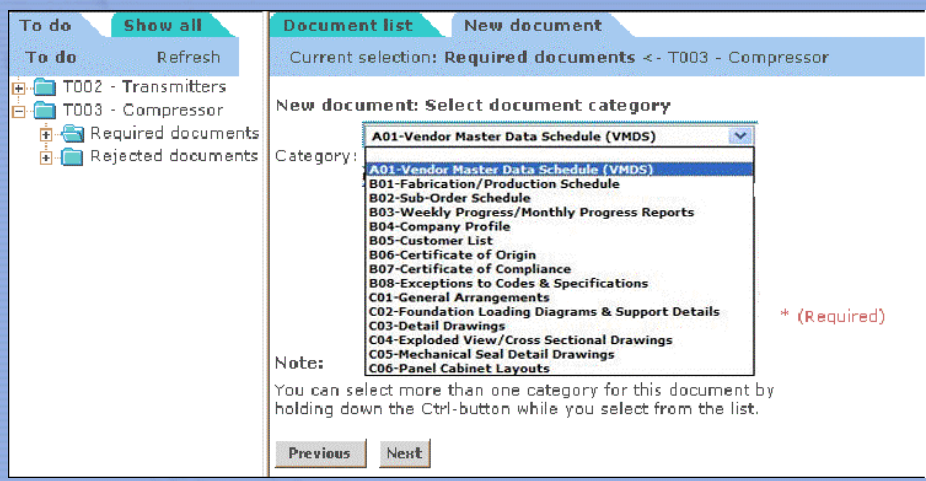
These steps include

- creating a new document with project document number and title
- selecting one or more VDRL codes for the document
- linking the document to tags, where applicable
- uploading a file containing the document

Once document submission is complete the, the document requirement is automatically removed from the “To do” list and placed in the “Submitted documents” folder ready for AMEC to review.

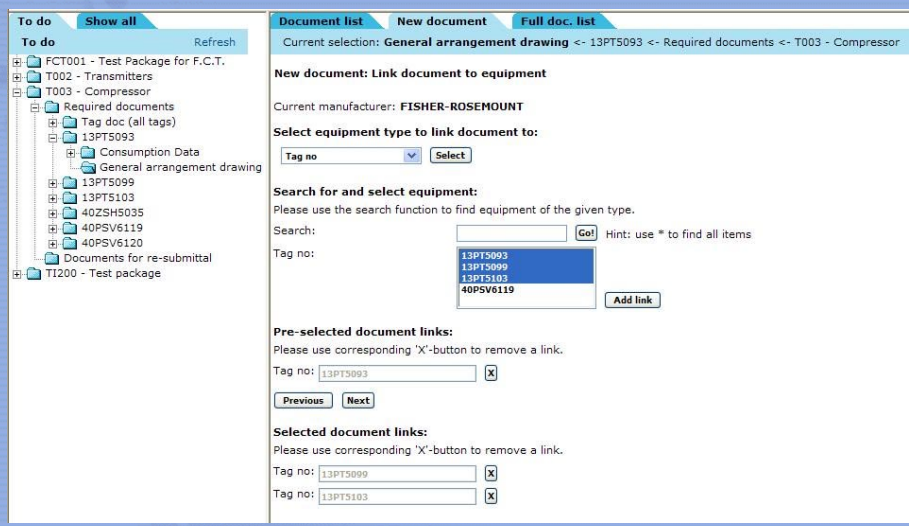
Shown above is the first step in the “Upload documents” wizard where the vendor enters the document title and revision information.

SPA Document Gathering Tool



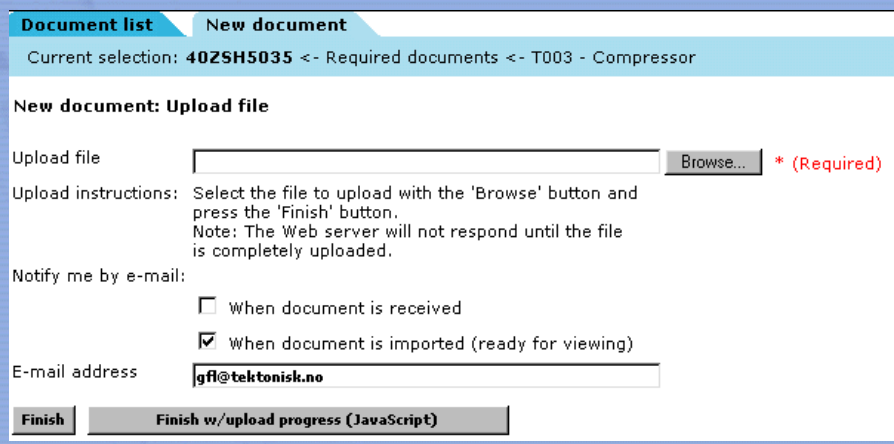
Next, a project specific document category list is presented, allowing the selection of type of document being submitted. If the document covers more than one category, multiple document types can be selected to suit the information content.

SPA Document Gathering Tool



Where the document submission is to be linked to a tag, SPA allows you to enter the specific information required and automatically presents you with a list of tags that are applicable to your scope of supply. Single or multiple tags can be selected and these will be automatically linked to the document being loaded.

SPA Document Gathering Tool

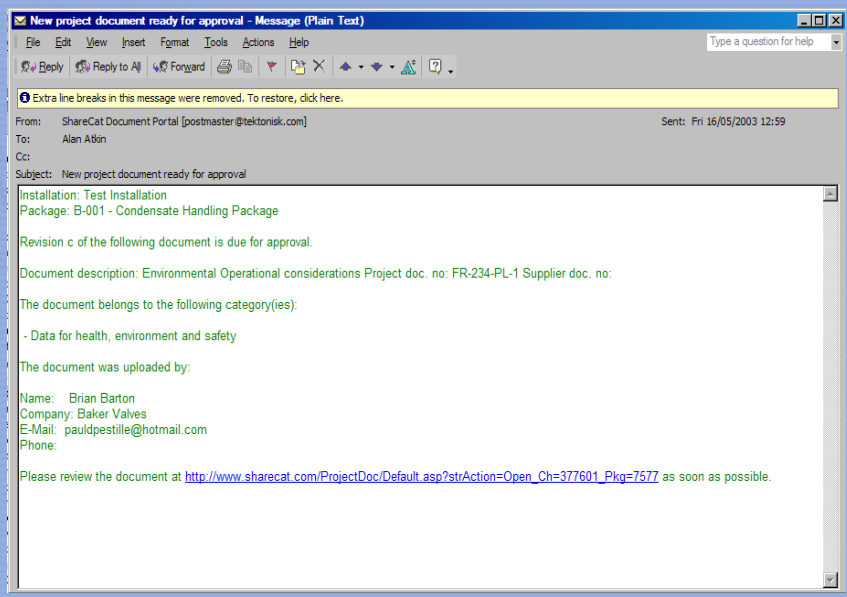

Document list
New document
Current selection: 40ZSH5035 <- Required documents <- T003 - Compressor
New document: Upload file
Upload file
Browse...
* (Required)
Upload instructions: Select the file to upload with the 'Browse' button and press the 'Finish' button.
Note: The Web server will not respond until the file is completely uploaded.
Notify me by e-mail:
When document is received
When document is imported (ready for viewing)
E-mail address
gfl@tektonisk.no
Finish
Finish w/upload progress (JavaScript)

As a final step in the submission process, SPA's provides an automatic file upload capability to browse and find the document file on the vendor's computer networks and load it into the system.

There is no need to be concerned with managing files in folders or deleting files once uploaded – SPA manages all of the "housekeeping" and file management within the system.

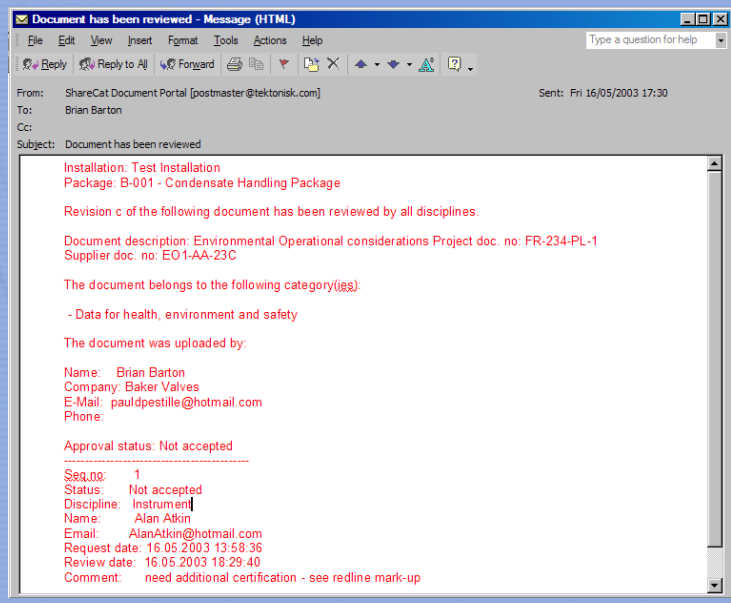
SPA will also automatically notify the vendor by e-mail when the file is received by AMEC and ready for review. A complete audit trail is maintained so that the full history of all documents submitted into the project are available for review if required.

SPA Document Gathering Tool


New project document ready for approval - Message (Plain Text)
File Edit View Insert Format Tools Actions Help
Type a question for help
Reply Reply to All Forward
Extra line breaks in this message were removed. To restore, click here.
From: ShareCat Document Portal [postmaster@tektonisk.com]
Sent: Fri 16/05/2003 12:59
To: Alan Atkin
Cc:
Subject: New project document ready for approval
Installation: Test Installation
Package: B-001 - Condensate Handling Package
Revision c of the following document is due for approval.
Document description: Environmental Operational considerations Project doc. no: FR-234-PL-1 Supplier doc. no:
The document belongs to the following category(ies):
- Data for health, environment and safety
The document was uploaded by:
Name: Brian Barton
Company: Baker Valves
E-Mail: pauldpestille@hotmail.com
Phone:
Please review the document at http://www.sharecat.com/ProjectDoc/Default.asp?strAction=Open_Ch=377601_Pkg=7577 as soon as possible.

This screenshot is an example e-mail automatically generated by SPA that is sent to the AMEC DCC as a result of a document submission by a vendor. It includes details of who it was submitted by and the date, together with an automatic link to SPA that just needs to be 'clicked' to view the documents.

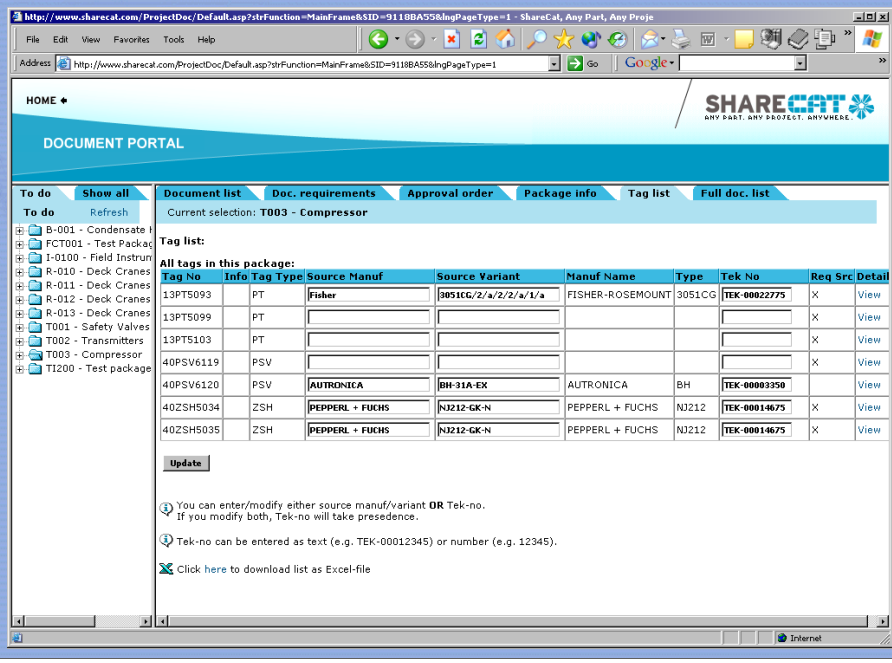
SPA Document Gathering Tool


Document has been reviewed - Message (HTML)
File Edit View Insert Format Tools Actions Help
Type a question for help
Reply Reply to All Forward
From: ShareCat Document Portal [postmaster@tektonisk.com]
Sent: Fri 16/05/2003 17:30
To: Brian Barton
Cc:
Subject: Document has been reviewed
Installation: Test Installation
Package: B-001 - Condensate Handling Package
Revision c of the following document has been reviewed by all disciplines.
Document description: Environmental Operational considerations Project doc. no: FR-234-PL-1
Supplier doc. no: EO1-AA-23C
The document belongs to the following category(ies):
- Data for health, environment and safety
The document was uploaded by:
Name: Brian Barton
Company: Baker Valves
E-Mail: pauldpestille@hotmail.com
Phone:
Approval status: Not accepted
Seq no: 1
Status: Not accepted
Discipline: Instrument
Name: Alan Atkin
Email: AlanAtkin@hotmail.com
Request date: 16.05.2003 13:58:36
Review date: 16.05.2003 18:29:40
Comment: need additional certification - see redline mark-up

Should submitted documents be rejected and require additional information, an automatic e-mail as shown above is sent back to the vendor with an explanation of the reason why the document was not accepted, who it was rejected by, together with their comments.

This will include a link in SPA to the file which can be used to open the electronic file for full review.

SPA Document Gathering Tool



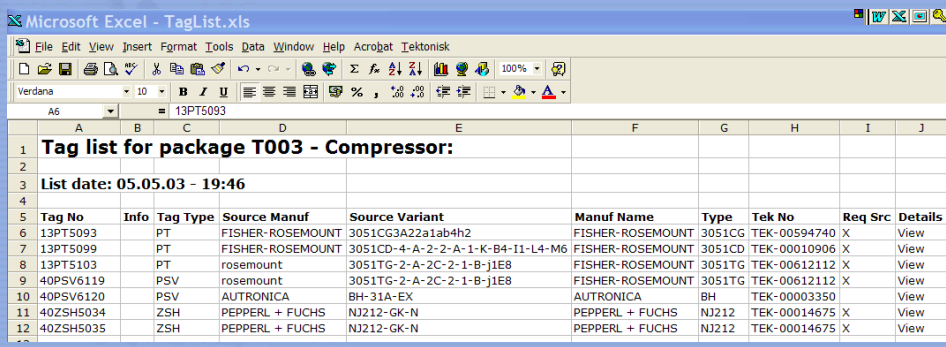
For the delivery of source data such as Manufacturer and Part No, vendors are able to view all of the tags in their scope of supply through SPA.

Vendors are only able to see details of tags and packages that they alone are responsible for.

The example above shows the list of tags within a package and provides a level of detail showing which tags require Manufacturer and Part Number information, and those that have already been advised.

This tag list can also be downloaded as a Microsoft Excel file for local processing if required.

SPA Document Gathering Tool


Microsoft Excel - TagList.xls
File Edit View Insert Format Tools Data Window Help Acrobat Tektonisk
Verdana 10
A6 = 13PT5093

Tag list for package T003 - Compressor:

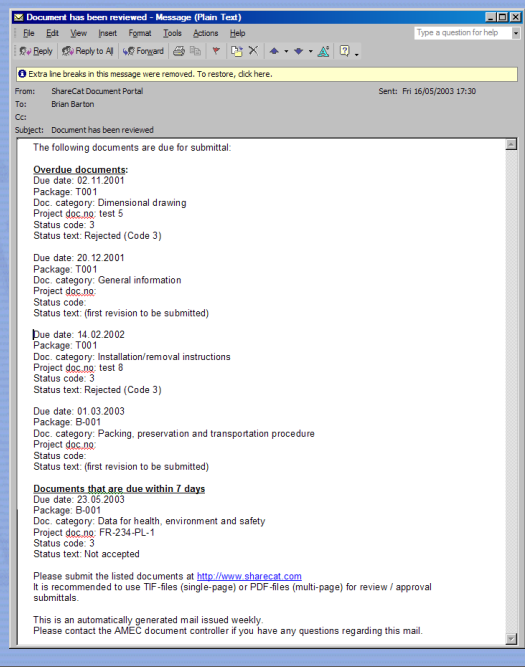
List date: 05.05.03 - 19:46

Tag No	Info	Tag Type	Source Manuf	Source Variant	Manuf Name	Type	Tek No	Req Src	Details
13PT5093		PT	FISHER-ROSEMOUNT	3051CG3A22a1ab4h2	FISHER-ROSEMOUNT	3051CG	TEK-00594740	X	View
13PT5099		PT	FISHER-ROSEMOUNT	3051CD-4-A-2-2-A-1-K-B4-I1-L4-M6	FISHER-ROSEMOUNT	3051CD	TEK-00010906	X	View
13PT5103		PT	rosemount	3051TG-2-A-2C-2-1-B-j1E8	FISHER-ROSEMOUNT	3051TG	TEK-00612112	X	View
40PSV6119		PSV	rosemount	3051TG-2-A-2C-2-1-B-j1E8	FISHER-ROSEMOUNT	3051TG	TEK-00612112	X	View
40PSV6120		PSV	AUTRONICA	BH-31A-EX	AUTRONICA	BH	TEK-00003350		View
40ZSH5034		ZSH	PEPPERL + FUCHS	NJ212-GK-N	PEPPERL + FUCHS	NJ212	TEK-00014675	X	View
40ZSH5035		ZSH	PEPPERL + FUCHS	NJ212-GK-N	PEPPERL + FUCHS	NJ212	TEK-00014675	X	View

A downloaded example Excel file is shown above. The file can be updated and modified as required and then submitted back to SPA against the tag list information requirement.

This Excel file can then be used as the submission tool where it is more convenient to deliver multiple tag references on a batch basis rather than individually on line. It can also be used for advising new tag numbers within the vendor's scope of supply which are not yet identified in the Master tag list.

SPA Document Gathering Tool



Document has been reviewed - Message (Plain Text)

File Edit View Insert Format Tools Actions Help

Reply Reply to All Forward

Extra line breaks in this message were removed. To restore, click here.

From: ShareCat Document Portal
Sent: Fri 16/05/2003 17:30
To: Brian Barton
Cc:
Subject: Document has been reviewed

The following documents are due for submittal:

Overdue documents:
Due date: 02.11.2001
Package: T001
Doc. category: Dimensional drawing
Project doc.no: test 5
Status code: 3
Status text: Rejected (Code 3)

Due date: 20.12.2001
Package: T001
Doc. category: General information
Project doc.no:
Status code:
Status text: (first revision to be submitted)

Due date: 14.02.2002
Package: T001
Doc. category: Installation/removal instructions
Project doc.no: test 8
Status code: 3
Status text: Rejected (Code 3)

Due date: 01.03.2003
Package: B-001
Doc. category: Packing, preservation and transportation procedure
Project doc.no:
Status code:
Status text: (first revision to be submitted)

Documents that are due within 7 days
Due date: 23.05.2003
Package: B-001
Doc. category: Data for health, environment and safety
Project doc.no: FR-234-PL-1
Status code: 3
Status text: Not accepted

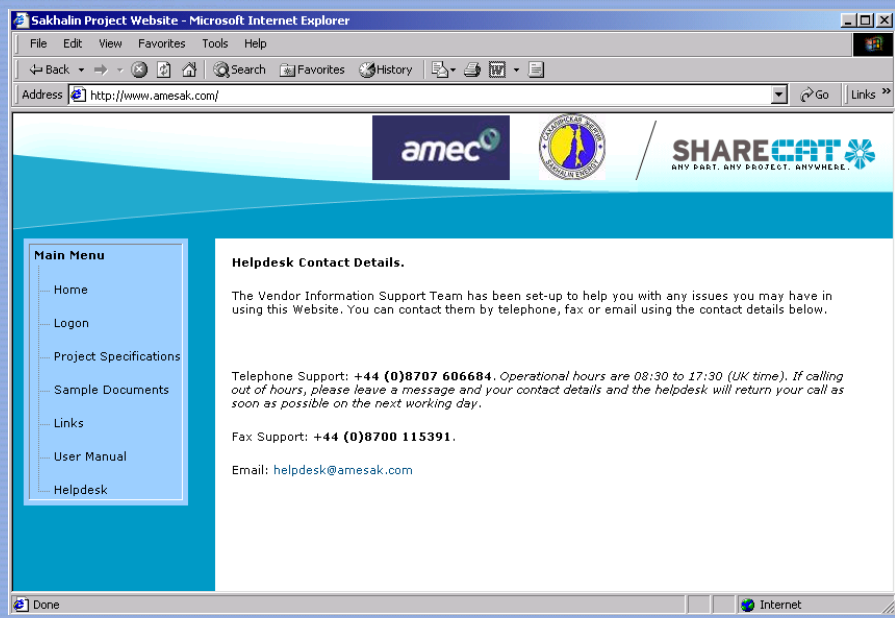
Please submit the listed documents at http://www.sharecat.com
It is recommended to use TIF-files (single-page) or PDF-files (multi-page) for review / approval submittals.

This is an automatically generated mail issued weekly.
Please contact the AMEC document controller if you have any questions regarding this mail.

SPA monitors all document & data requirements against the project schedule and issues automatic e-mails on a weekly basis to all participants showing due and overdue documents, as well as a forward planning view for all documents due within the next 7 days.

The schedule information is also available at anytime by accessing SPA's online reports.

SPA Document Gathering Tool


Sakhalin Project Website - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites History
Address http://www.amesak.com/
Go Links
amec
SHARECAT
ANY PART. ANY PROJECT. ANYWHERE.
Main Menu
Home
Logon
Project Specifications
Sample Documents
Links
User Manual
Helpdesk
Helpdesk Contact Details.
The Vendor Information Support Team has been set-up to help you with any issues you may have in using this Website. You can contact them by telephone, fax or email using the contact details below.
Telephone Support: +44 (0)8707 606684. Operational hours are 08:30 to 17:30 (UK time). If calling out of hours, please leave a message and your contact details and the helpdesk will return your call as soon as possible on the next working day.
Fax Support: +44 (0)8700 115391.
Email: helpdesk@amesak.com
Done
Internet

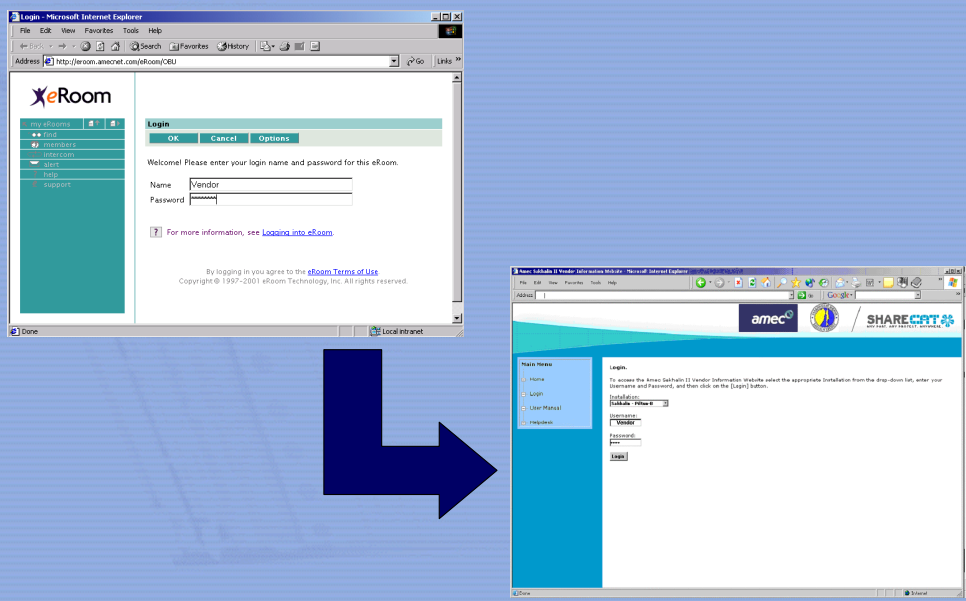
As a support to the overall submission and gathering process, a full project Helpdesk is available to help vendors with any stage of the process. The Helpdesk can be contacted by e-mail, fax or telephone and will help with any issues related to using SPA within the Sakhalin II project.

In addition to the Helpdesk and this presentation, a fully illustrated User Manual is available electronically and is issued as part of the Vendor Purchase Order package.

Agenda

- ShareCat Overview
- Vendor Information Gathering Process
- ShareCat ProjectArena Document Gathering Tool
- **Switch from eRoom to ShareCat ProjectArena**
- Questions

Switch from eRoom to SPA



SPA provides a fully secure and controlled environment for managing vendor document and data submissions which is shared between AMEC and the relevant vendor. It provides an automated way of managing the electronic files and information requirements that form part of the normal vendor submission process.

Unlike e-room, users do not need to worry about what folder to load files from, whether to delete files after uploading or what user permissions they have on their PC.

SPA is completely web based and all of it's file handling and management is performed "behind the scenes" so users do not need to worry about file "housekeeping". SPA also "knows" what files or document types are expected from each vendor package – and these are automatically shown in each vendors "To Do" list.

As with e-room, users logon to the system and choose which project area they are working on. However, users do not need to worry about creating folders to store or upload their documents into since this is all managed by SPA. Neither do users at remote offices or in the field need to worry about downloading files for viewing, as they can just click on a link in SPA and the document will be automatically viewed on screen in a standard format that can be printed or saved locally if required.

As the document and data requirements in SPA are submitted and achieve their approval, the electronic assembly of final data is created. Because these files remain in SPA throughout the PO delivery process, this can be considered as a progressive compilation of the final databook delivery, saving time for both the vendor and AMEC in handling, reviews and delivery.

Agenda

- ShareCat Overview
- Vendor Information Gathering Process
- ShareCat ProjectArena Document Gathering Tool
- Switch from eRoom to ShareCat ProjectArena
- **Questions**